

PROJECT EGG DROP - PHYSICS HONORS

RULES:

1. You are to use 1 raw egg protected any way you want as long as you don't exceed the following rules. If a cooked egg is used, automatic F. I will check the eggs after the drop.
2. You may use any container with a total volume of not more than 1000 cubic inches.
3. The container, egg, and contents may not have a mass more than 4000 grams (approximately 8.8 lb.)
4. Violation of rules 2 and/or 3 will result in an automatic 2 grade deduction
5. You may **not** use any wings, parachutes, or any outside devices to increase the air resistance. You do need to tape your container shut so it doesn't open-up on the way down. No Latex Balloons!
6. No gels, shampoos, jell-o, peanut butter, marshmallow cream or any substance that is similar to these listed. Automatic F if such substances are used.
7. Students will provide all materials and construct their apparatus on their own time. Be prepared to drop your apparatus at the beginning of class.
8. This project will be done on Wednesday, January 6th (Purple) or Thursday 7th (White) and will count as a test grade.
9. You will need to turn in a lab report for this project. In this report you are to describe how you protected the egg, a drawing of the inside of the container and a post lab. This report will be due on Wednesday, January 6th (Purple) or Thursday 7th (White).
10. If your egg breaks, the best grade you can receive for the project is a "B" and it could be worse, if your lab report is of poor quality. If your egg does not break, you will receive an A, minus any points for a bad lab report
- 11. This is an individual project.**